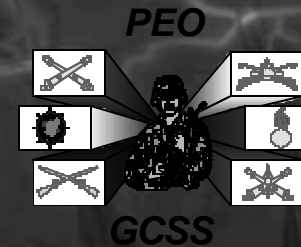


U.S. Army  
TACOM



# ***SMALL CALIBER REQUIREMENTS***

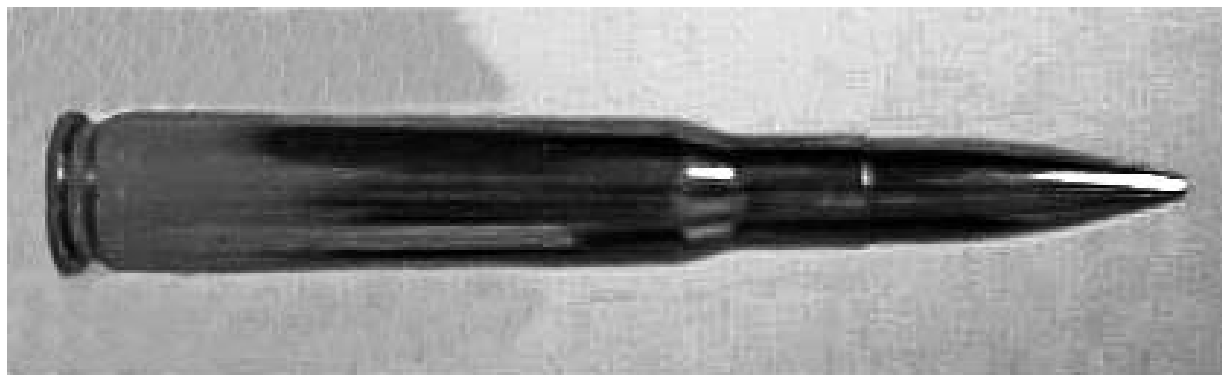
## ***Advanced Planning Briefing to Industry (APBI)***

### ***14 February 2001***

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# **LONG RANGE TACTICAL SNIPER CARTRIDGE**



# **LONG RANGE TACTICAL SNIPER CARTRIDGE**

## **SYSTEM DESCRIPTION AND CAPABILITIES**

**Caliber .50 match cartridge for use in the  
XM107 Long Range Sniper Rifle (LRSR)**

# **LONG RANGE TACTICAL SNIPER CARTRIDGE**

## **ORD REQUIREMENTS**

- **Improved accuracy against antipersonnel targets @1000m**
- **Ballistic Match with MK211**
- **Penetrate PASGT Vest @ 1000m**

# LONG RANGE TACTICAL SNIPER CARTRIDGE

## Key Dates

•Program Initiation	Oct 97
•Small Purchases Awarded	Aug 98
•Requirements Validation Testing	Mar 99
•Revise Requirement (if Applicable)	Mar 00
• <i>RELEASE SOLICITATION</i>	<i>JAN 01 (EXTENDED)</i>
•Bid Sample Test	Jul 01 (Proposed)
•DT/OT Testing	Mar 02 (Proposed)
•Type Classification Standard	Mar 03 (Proposed)

## Lightweight Fragmentation Hand Grenade



# **Lightweight Fragmentation Hand Grenade**

- **Lighter grenade intended to replace the current M67 fragmentation hand grenade**
- **Improved Fuze Reliability with possible integration to a family of hand grenades**

# **LIGHTWEIGHT FRAGMENTATION HAND GRENADE**

## **ORD REQUIREMENTS**

### **Current Requirement**

**Weight – 9 oz**

**Fuze Delay – 6 sec  $\pm .25$**

**Lethality – Equal or better than M67**

### **Revised Requirements**

#### **Proposed**

**Weight - ?**

**14oz or less**

**Fuze Delay - ?**

**4  $\pm .5$**

**Lethality - ?**

**Better than M67**

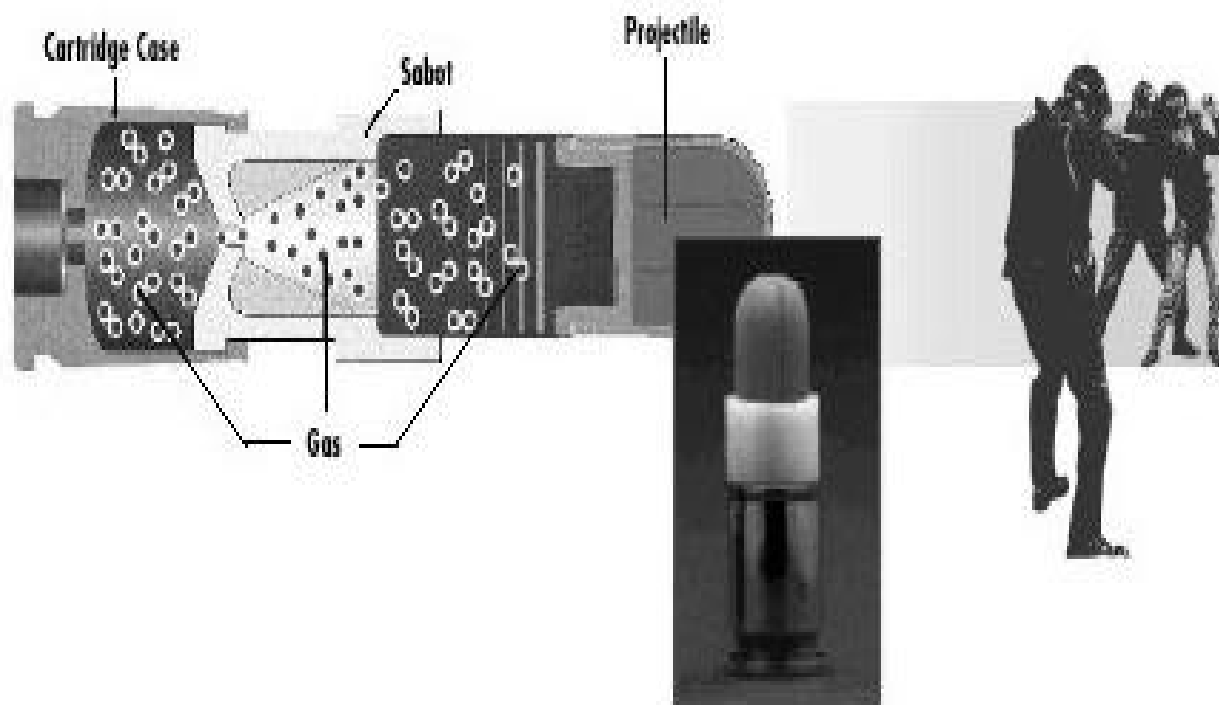


# **LIGHTWEIGHT FRAGMENTATION HAND GRENADE**

## **Key Dates**

•Program Initiation	Feb 98
•Small Purchases Awarded	Dec 98 – Jun 99
•Requirements Validation Testing	Jul 99 – May 00
•Revise Requirement (if Applicable)	Apr 01 (Proposed)
• <i>RELEASE SOLICITATION</i>	<i>MAY 01 (PROPOSED)</i>
•Bid Sample Test	Nov 01 (Proposed)
•DT/OT Testing	Jan 02 (Proposed)
•Type Classification Standard	Feb 02 (Proposed)

# CLOSE COMBAT MISSION CAPABILITY KIT



# **CLOSE COMBAT MISSION CAPABILITY KIT**

## **DESCRIPTION**

- OBJECTIVE:**

- Type classify and field a dye-marker training round to enhance force on force training and simulate live five combat**

- DESCRIPTION:**

- The commercially available training ammunition which contains a soft frangible projectile filled with a colored dye which allows for realistic force-on-force training**

# **CLOSE COMBAT MISSION CAPABILITY KIT**

## **ORD REQUIREMENTS**

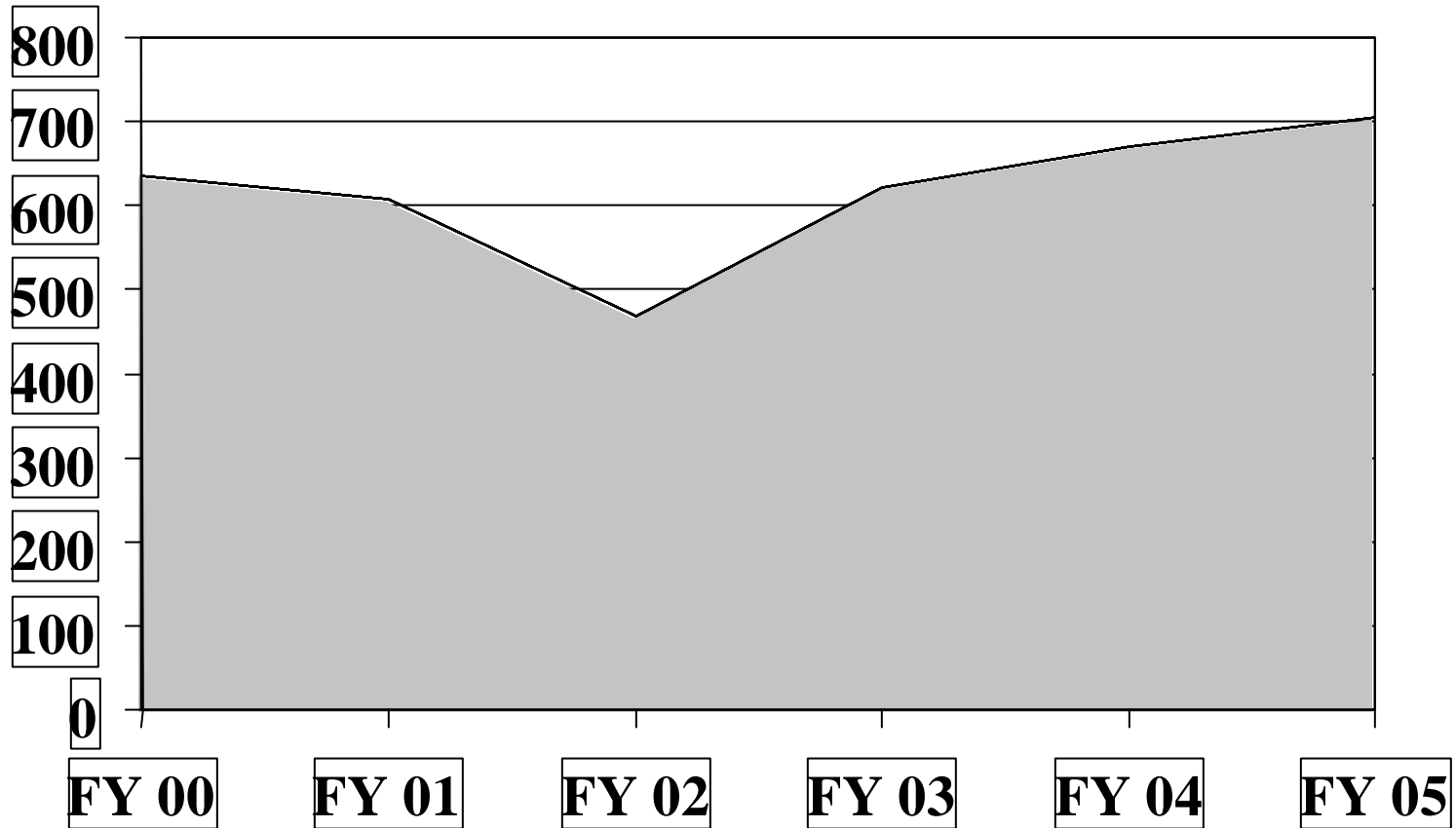
- Capable of being used in
  - M16/M4 (5.56mm)
  - M249 (5.56mm)
  - M9 Pistol (9mm)
- Prevent inadvertent use of service ammunition
- Retail functional characteristics of weapons
- Shall not degrade performance
- Must not penetrate skin @ 5m

# CLOSE COMBAT MISSION CAPABILITY KIT

## *Key Dates*

- |                               |                   |
|-------------------------------|-------------------|
| •Program Initiation           | Oct 00            |
| • <i>Release Solicitation</i> | Jul 01 (Extended) |
| •Bid Sample Test              | Jan 02            |
| •DT/OT Testing                | Dec 02            |
| •Type Classification Standard | Jan 04            |

# SMALL CALIBER VOLUMES



Quantity in Millions

# **ACQUISITION STRATEGIES**

- **All requirements through FY 08 will be awarded onto Alliant Tech Systems', Lake City Army Ammunition Plant, current contract for these items**

**5.56mm**

**7.62mm**

**.50 Cal**

**.45 Cal**

**.30 Cal**

**.22 Cal**

# **ACQUISITION STRATEGIES**

- **SHOT SHELLS**
  - **FY01 – FY 05 IDIQ Contract – Full and Open**
  - **Round included are: 12 Gauge 00 Buckshot  
12 Gauge #9 Shot  
10 Gauge Blank**
  - **Solicitation scheduled to be issued 15 Feb 01**
  - **Solicitation will close 30 days after it opens**
  - **Quantity ranges will be based on successful offeror's proposed ranges, which incorporate the Government's projected minimum and maximum requirements**



# **ACQUISITION STRATEGIES**

- **CTG 9MM M882**
  - **FY 01 – FY 05 IDIQ Contract – Full and Open**
  - **Solicitation issued 31 Jan 01**
  - **Solicitation closed 5 Mar 01**
  - **Quantity ranges will be based on successful offeror's proposed ranges, which incorporate the Government's projected minimum and maximum requirements**

## **POINTS OF CONTACT**

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**Program Manager** **Ms. Bobbie Russell**              **309-782-3006**  
**E-mail russellr@osc.army.mil**

# HQ, MAC 40MM REQUIREMENTS

**APBI - 14 FEB 01**

Nomenclature	Qty 01	Qty 02	Qty Outyears	Anticipated Strategy
M583 White Star	0	63.3	Yes	SBSA
M661 Green Star	0	11.6	No	SBSA
M385A1 Practice	103.0	365.5	Yes	SS
M781 Practice	2569.9	1549.7	Yes	SBSA
Blank Saluting	8.3	10.9	Yes	SS
M918 TP	2941	2461	Yes	SS
M430A1	0	0	Yes	SS

# HQ, MAC 40MM REQUIREMENTS

## Components - APBI - 14 FEB 01

Nomenclature	Qty 01	Qty 02	Qty Outyears	Anticipated Strategy
Ctg Case MK3	9.1	11.9	Yes	US&C
Proj M385	0	45.3	Yes	8ASA
Body Assy MPTS	0	0	Yes	USAC
Box Metal M2A1	516.5	676.7	Yes	USAC

# **MAC 40MM**

- **POC:**
  - **Terry Carlson**
  - **HQ, MAC**
  - **SOSMA-PRM-D**
  - **carlsont@osc.army.mil**
  - **309-782-3333 DSN 793-3333**

# **SUMMARY**

- **Opportunities exist in the following areas:**
  - **.50 Caliber Long Range Tactical Sniper Cartridge**
  - **Lightweight Fragmentation Hand Grenade**
  - **Close Combat Mission Capability Kit**
  - **9mm Cartridge**
  - **Shot Shells**
  - **40mm**